

Hydraulically controlled clutch bearing

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Abstract of FR2688560

Hydraulically controlled clutch bearing comprising a rolling-contact bearing (1) equipped with rolling elements (5) mounted between a non-rotating race (3) and a rotating race (8) capable of interacting with a clutch device (12), a hydraulic control mechanism made up of a fixed body (15) provided with an annular chamber (18) for a control fluid, of a connector (16) and of a communication passage (17) for feeding the chamber with fluid, a movable operating member (23) actuated hydraulically by the control fluid via the chamber. The operating member (23) is produced as a single piece obtained by injection moulding of a plastic, and a first part (21) of which slides axially with respect to the fixed body and a second part (24, 25) of which constitutes means for the self-centring and securing of the rolling-contact bearing.

